

5584G1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use



For more Information
please call

1-800-Belden1

**Description:**

22 AWG solid tinned copper conductors, PVC insulation, 1 pair with Beldfoil® shield and drain wire, inner waterblocking tape cabled with 2 unshielded pairs, overall waterblocking tape, overall PVC jacket.

Usage (Overall)**Suitable Applications:**

Low Voltage, Water Resistant, Water Block, Direct Burial, Moisture Resistant, CM, A30 Intercom, Sound, Audio, Indoor/Outdoor

Physical Characteristics (Overall)**Conductor****AWG:**

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 3 | 22 | Solid | TC - Tinned Copper |

Insulation**Insulation Material:**

| Insulation Material | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .010 |

Inner Shield**Inner Shield Material:**

| Inner Shield Trade Name | Type | Inner Shield Material | Coverage (%) | Stranding | Conductor Material | Description |
|-------------------------|------|------------------------------|--------------|-----------|--------------------|----------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 | Solid | TC - Tinned Copper | Blk/Red Pair |
| Waterblocking Tape | Tape | Non-woven | 100 | | | Blk/Red Pair |
| | | Unshielded | | | | Blk/White Pair |
| | | Unshielded | | | | Blk/Green Pair |

Outer Jacket**Outer Jacket Material:**

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .025 |

Overall Cable

Overall Cabling Separator Material: Waterblocking Tape

Overall Nominal Diameter: 0.283 in.

Pair**Pair Color Code Chart:**

| Number | Color |
|--------|---------------|
| 1 | Black & Red |
| 2 | Black & White |
| 3 | Black & Green |

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +105°C

Bulk Cable Weight: 31.700 lbs/1000 ft.

Max. Recommended Pulling Tension: 54 lbs.

Min. Bend Radius (Install)/Minor Axis: 3 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|-------------------------|----|
| NEC/(UL) Specification: | CM |
|-------------------------|----|

| | |
|--------------------------|----|
| CEC/C(UL) Specification: | CM |
|--------------------------|----|

| | |
|-------------|-----|
| EU CE Mark: | Yes |
|-------------|-----|

| | |
|--------------------------------|-----|
| EU Directive 2000/53/EC (ELV): | Yes |
|--------------------------------|-----|

| | |
|---------------------------------|-----|
| EU Directive 2002/95/EC (RoHS): | Yes |
|---------------------------------|-----|

| | |
|---------------------------------------|------------|
| EU RoHS Compliance Date (mm/dd/yyyy): | 07/18/2006 |
|---------------------------------------|------------|

| | |
|---------------------------------|-----|
| EU Directive 2002/96/EC (WEEE): | Yes |
|---------------------------------|-----|

| | |
|--------------------------------|-----|
| EU Directive 2003/11/EC (BFR): | Yes |
|--------------------------------|-----|

| | |
|-----------------------------------|-----|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
|-----------------------------------|-----|

| | |
|-----------------------------|-----|
| MII Order #39 (China RoHS): | Yes |
|-----------------------------|-----|

Flame Test

| | |
|----------------|----------------------|
| UL Flame Test: | UL1581 Vertical Tray |
|----------------|----------------------|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

| Description | Freq. (MHz) | Capacitance (pF/ft) |
|--------------|-------------|---------------------|
| Blk/Red Pair | 1 | 33 |
| Other Pairs | 1 | 18 |

Nom. Capacitance Cond. to Other Conductor & Shield:

| Capacitance (pF/ft) |
|---------------------|
| 88.600 |

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 15.7 |

Nominal Outer Shield DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 11.3 |

Max. Operating Voltage - UL:

| Voltage |
|-----------|
| 300 V RMS |

Max. Recommended Current:

| Current |
|-------------------------------|
| 3.2 Amps per conductor @ 25°C |

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|-------|-------|---------------------------|
| 5584G1 0081000 | 1,000 FT | 35.000 LB | GRAY | C | 1 FS PR, 2 PR #22 PVC PVC |
| 5584G1 0101000 | 1,000 FT | 36.000 LB | BLACK | | 1 FS PR, 2 PR #22 PVC PVC |

Notes:

C = CRATE REEL PUT-UP.

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